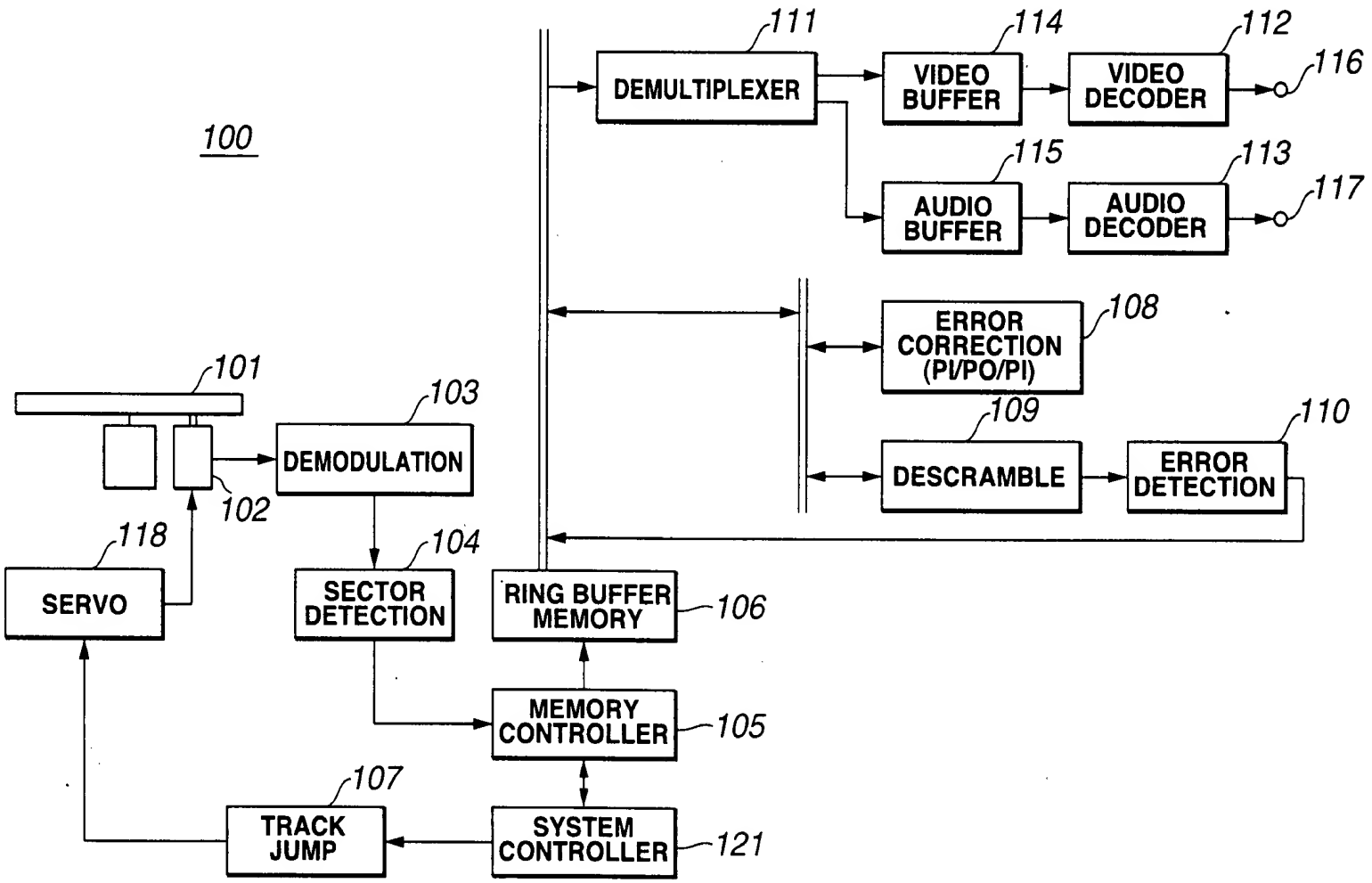


FIG.1

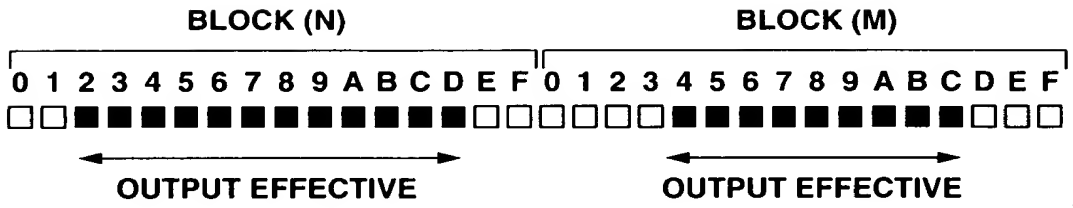

BLOCK (N)
BLOCK (M)
0 1 2 3 4 5 6 7 8 9 A B C D E F 0 1 2 3 4 5 6 7 8 9 A B C D E F
OUTPUT EFFECTIVE
OUTPUT EFFECTIVE

FIG.2

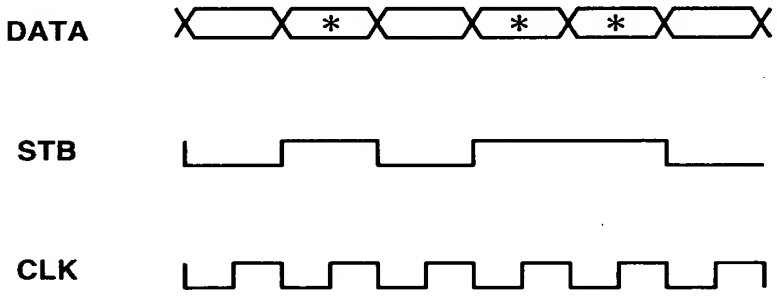

DATA
STB
CLK

FIG.3

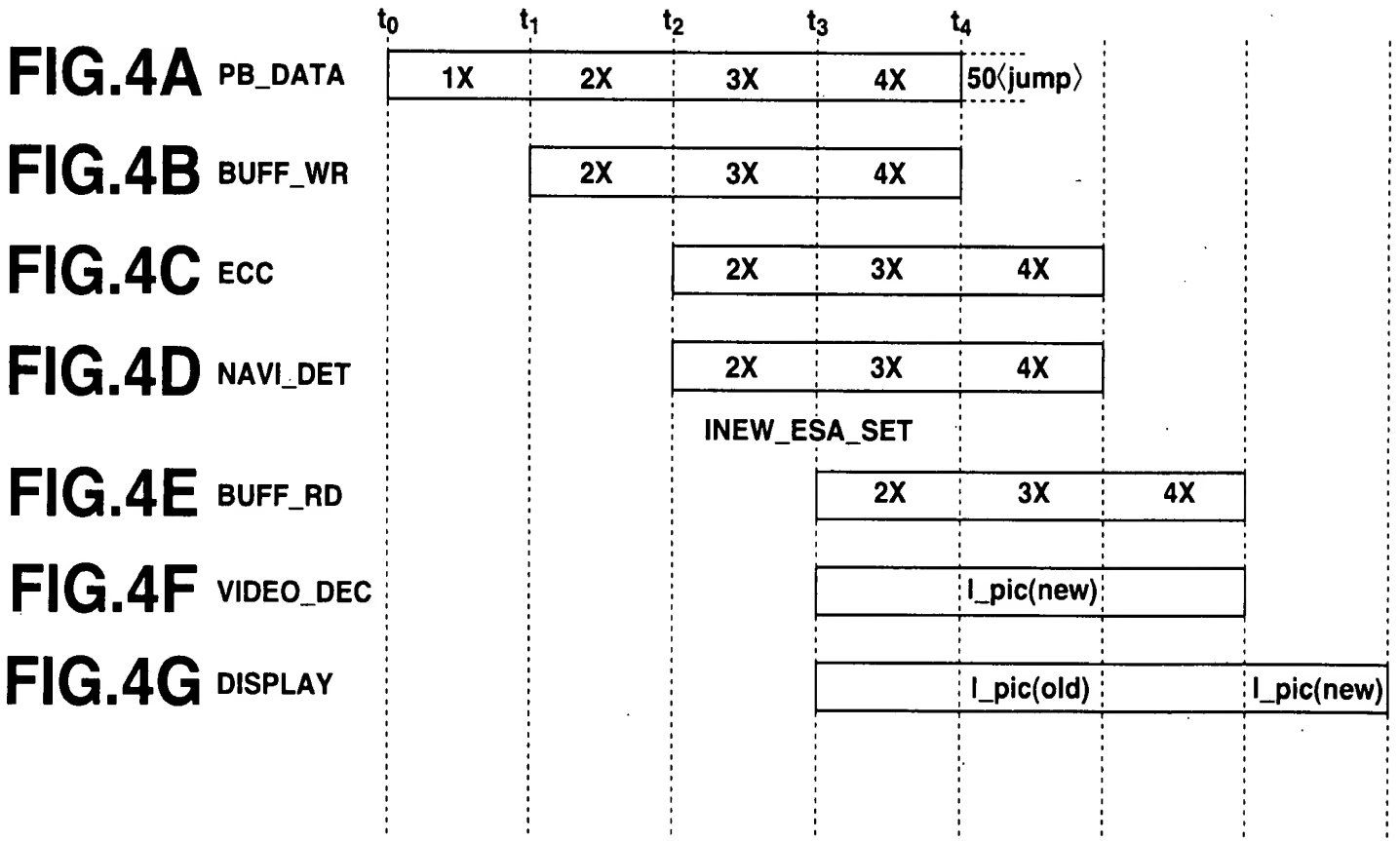


FIG.4A PB_DATA

FIG.4B BUFF_WR

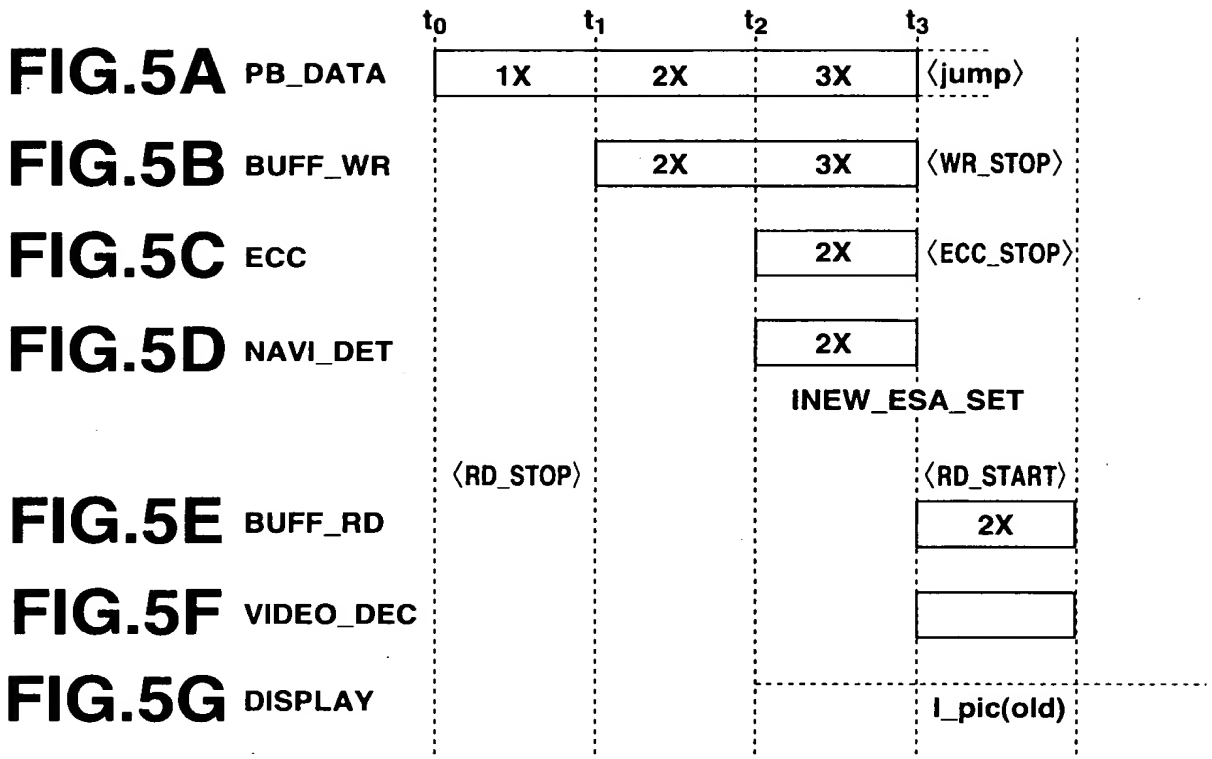
FIG.4C ECC

FIG.4D NAVI_DET

FIG.4E BUFF_RD

FIG.4F VIDEO_DEC

FIG.4G DISPLAY



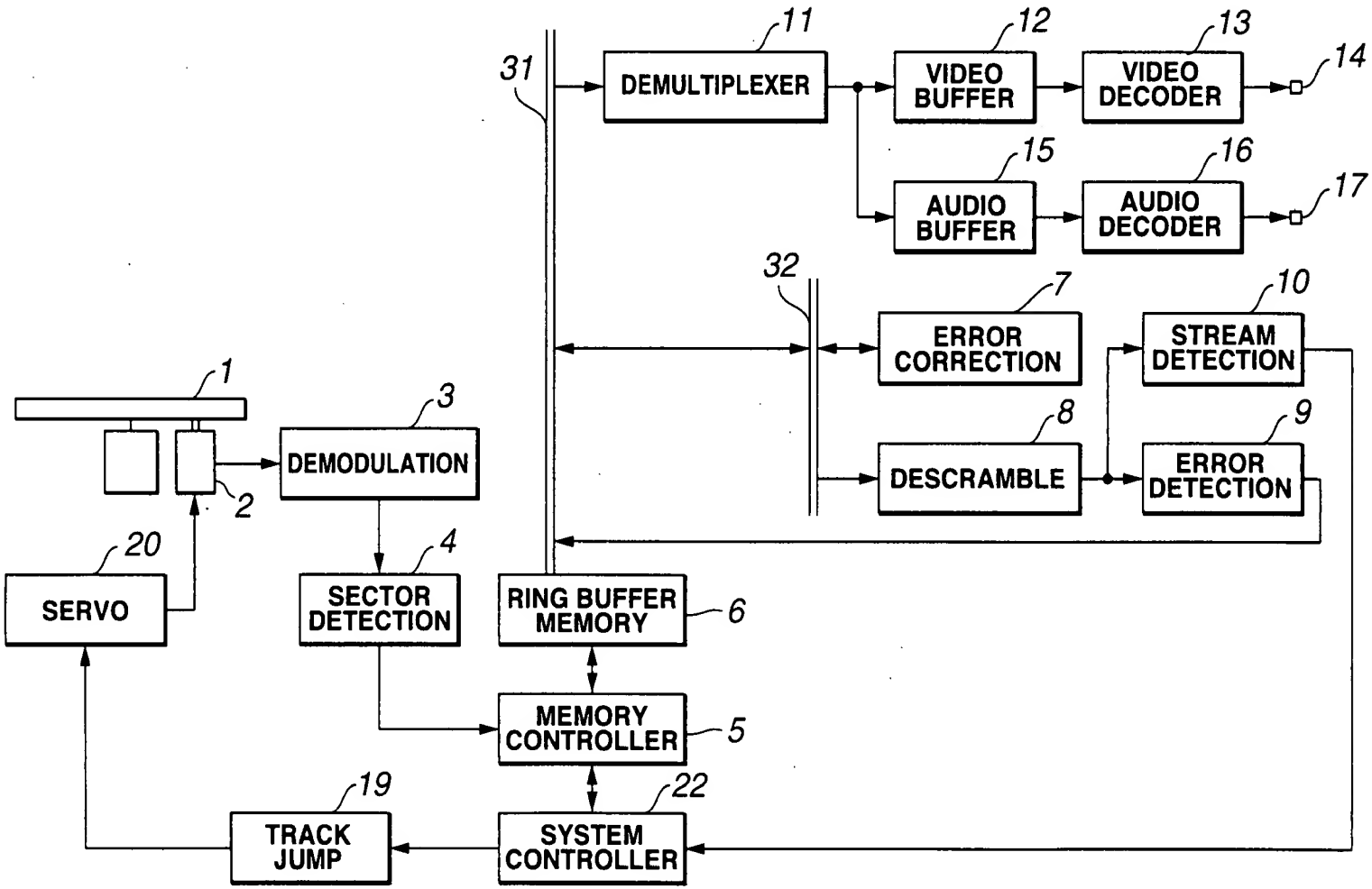

11
12
13
14
31
DEMULTIPLEXER
VIDEO BUFFER
VIDEO DECODER
15
16
17
AUDIO BUFFER
AUDIO DECODER
32
7
10
ERROR CORRECTION
STREAM DETECTION
1
3
8
9
DEMODULATION
DESCRAMBLE
ERROR DETECTION
2
20
4
SERVO
SECTOR DETECTION
RING BUFFER MEMORY
6
MEMORY CONTROLLER
5
19
22
TRACK JUMP
SYSTEM CONTROLLER

FIG.6

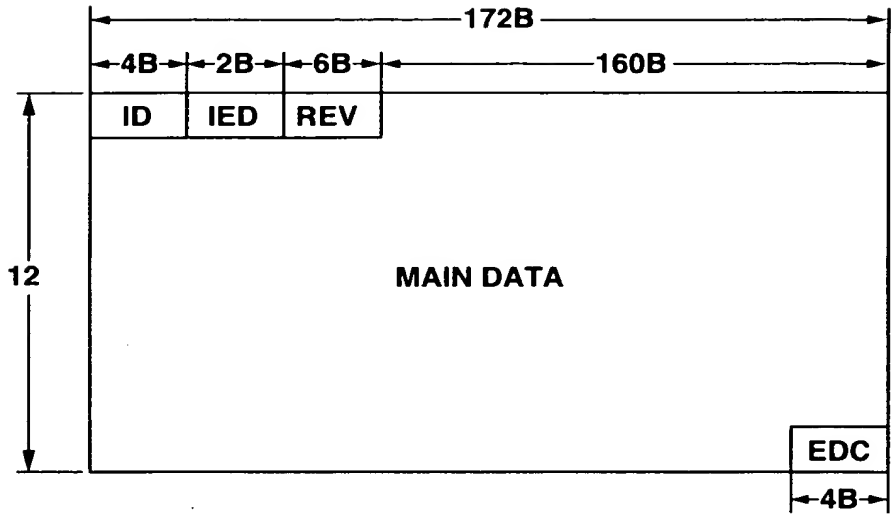

172B
4B
2B
6B
160B
ID
IED
REV
12
MAIN DATA
EDC
4B

FIG.7

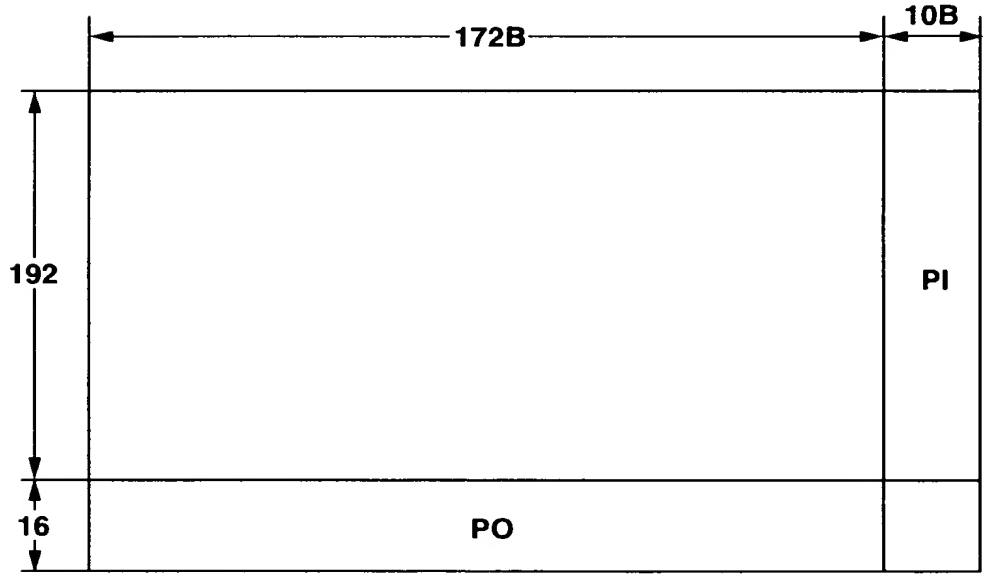

172B
10B
192
PI
16
PO

FIG.8

32BITS	1456BITS	32BITS	1458BITS
SY0	ID IED	SY5	P1
SY1		SY5	P1
SY2		SY5	P1
SY3		SY5	P1
SY4		SY5	P1
SY1		SY6	P1
SY2		SY6	P1
SY3		SY6	P1
SY4		SY6	P1
SY1		SY7	P1
SY2		SY7	P1
SY3		SY7	EDC P1
SY4	P0	SY7	P0 P1

FIG.9

FIG.10A

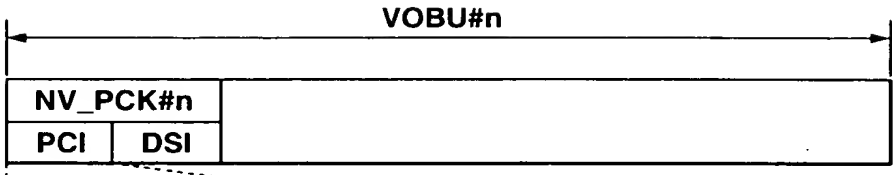


FIG.10B

FIG.10C

	Content
(1)NV_PCK_LBN	LBN of Navigation pack
(2)VOBU_CAT	Category of VOBU
reserved	reserved
(3)VOBU_UOP_CTL	User Operation control of VOBU
(4)VOBU_S_PTM	Start PTM of VOBU
(5)VOBU_E_PTM	End PTM of VOBU
(6)VOBU_SE_E_PTM	Eun PTM of scqurnce end in VOBU
(7)C_SLIM	Cell Elpse Time

FIG.11A

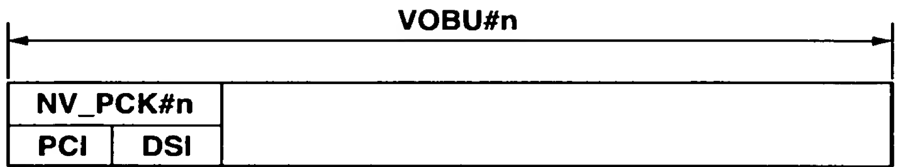


FIG.11B

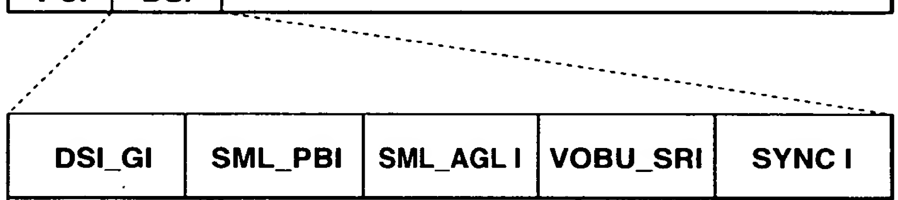


FIG.11C

	Content
(1)NV_PCK_SCR	SCR_base of NV_PCK
(2)NV_PCK_LBN	LBN of NV_PCK
(3)VOBU_EA	End address of VOBU
(4)VOBU_1STREF_EA	End address of the first Reference Picture in VOBU
(5)VOBU_2NDREF_EA	End address of the second Reference Picture in VOBU
(6)VOBU_3RDREF_EA	End address of the third Reference Picture in VOBU
(7)VOBU_VOB_I DN	VOBU ID number of the VOBU
reserved	reserved
(8)VOBU_C_I DN	Cell ID number of the VOBU
(9)C_ELTIM	Cell Elpse Time

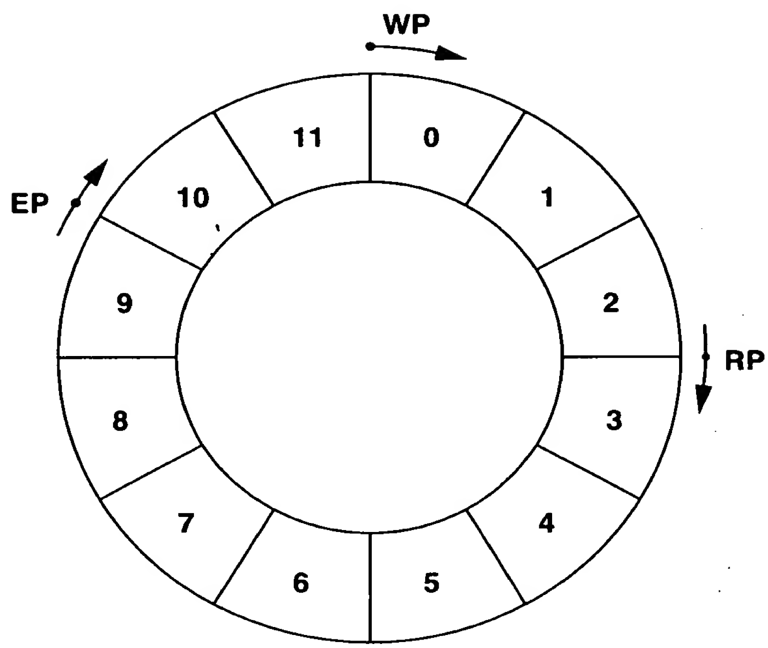

WP
11
0
1
EP
10
9
2
RP
8
3
7
4
6
5

FIG.12

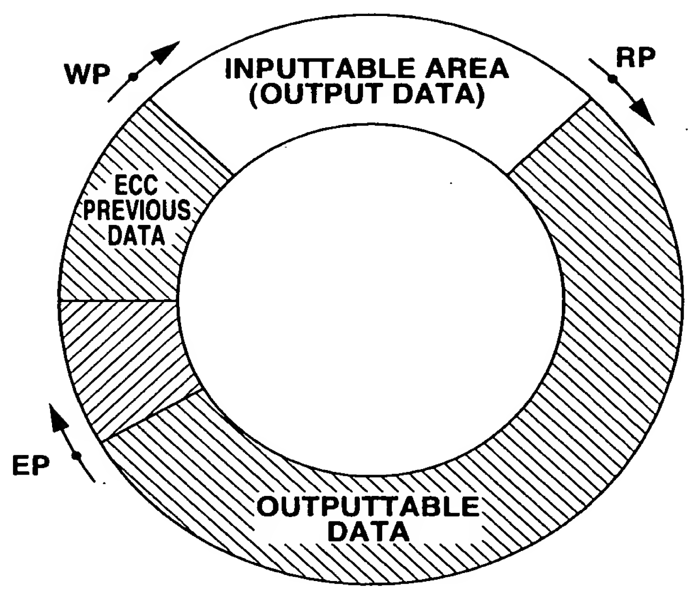

WP
INPUTTABLE AREA
(OUTPUT DATA)
RP
ECC
PREVIOUS
DATA
EP
OUTPUTTABLE
DATA

FIG.13

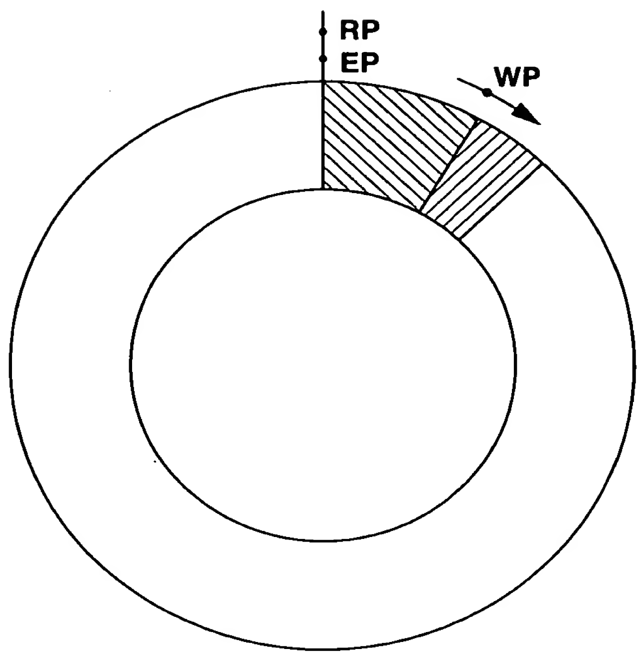


FIG.14

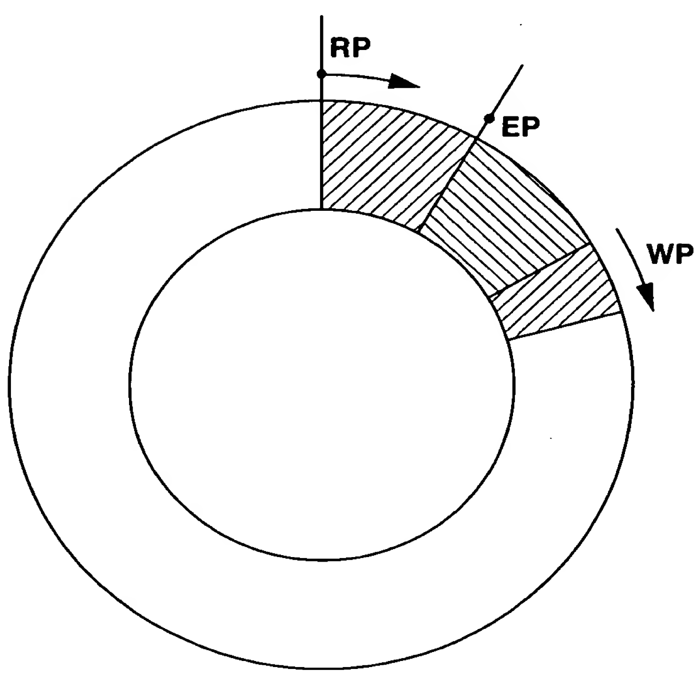


FIG.15

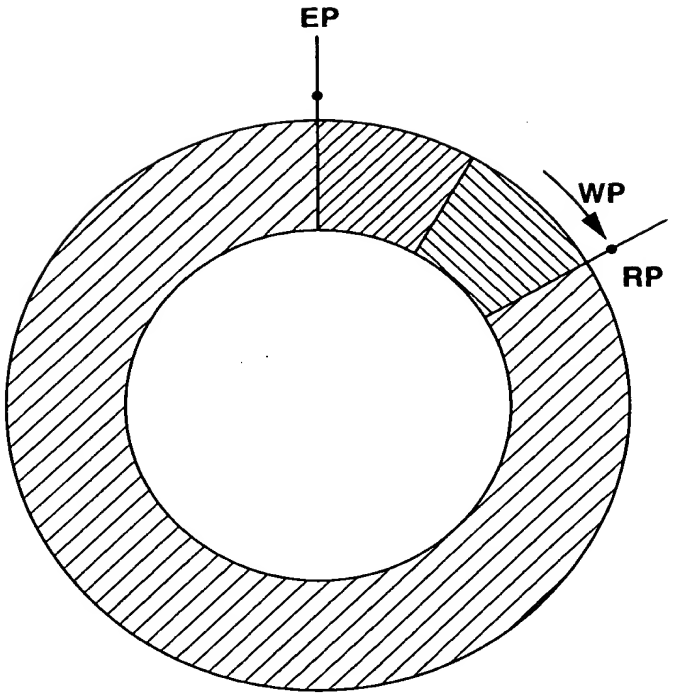
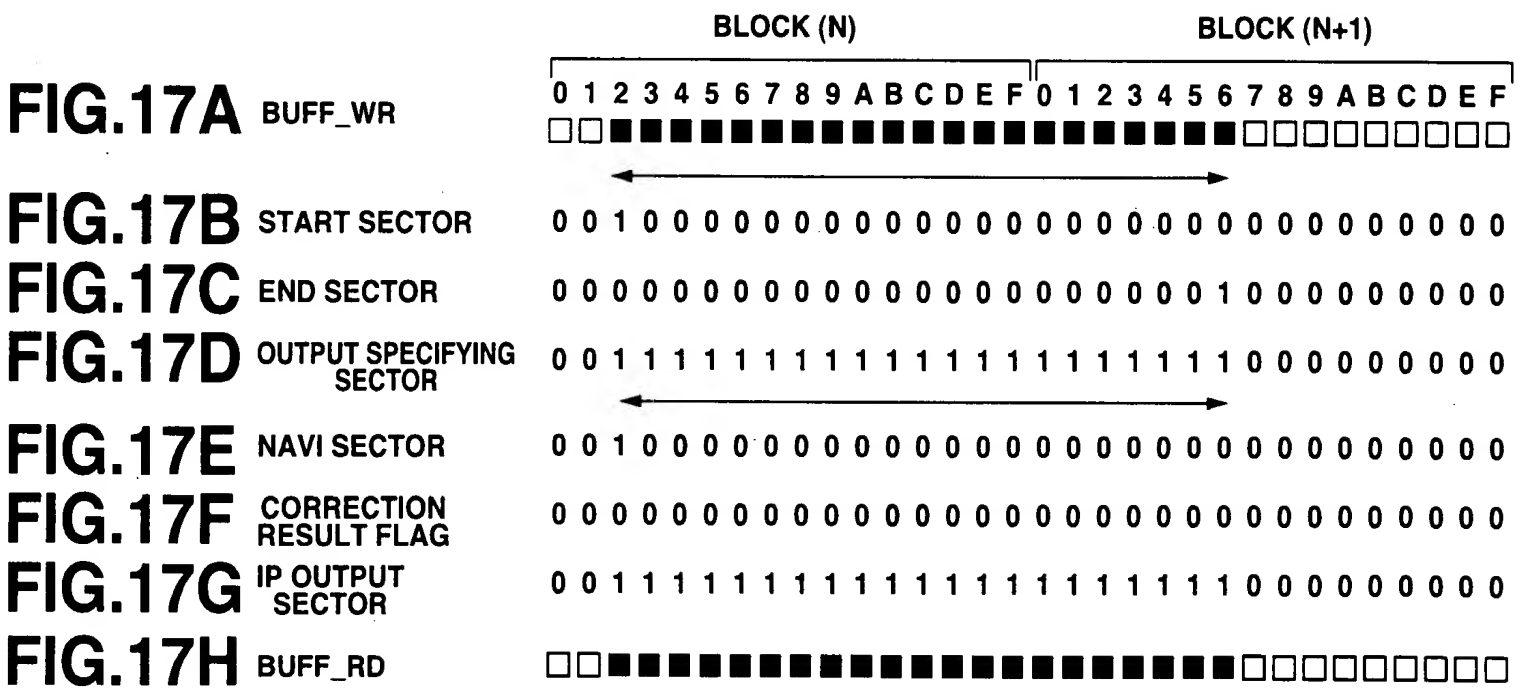
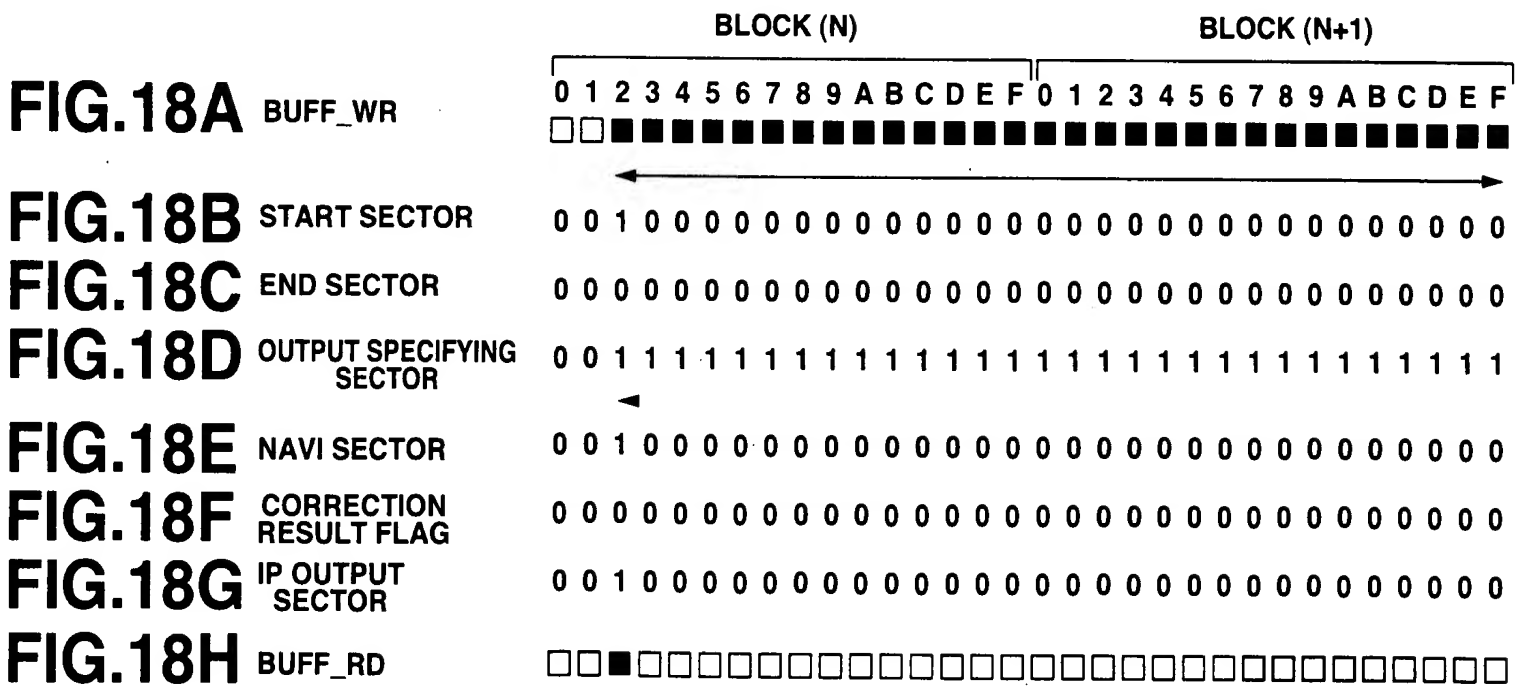


FIG.16


BLOCK (N)
BLOCK (N+1)
0 1 2 3 4 5 6 7 8 9 A B C D E F 0 1 2 3 4 5 6 7 8 9 A B C D E F
FIG.17A BUFF_WR
FIG.17B START SECTOR
0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FIG.17C END SECTOR
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0
FIG.17D OUTPUT SPECIFYING SECTOR
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0
FIG.17E NAVI SECTOR
0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FIG.17F CORRECTION RESULT FLAG
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FIG.17G IP OUTPUT SECTOR
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0
FIG.17H BUFF_RD



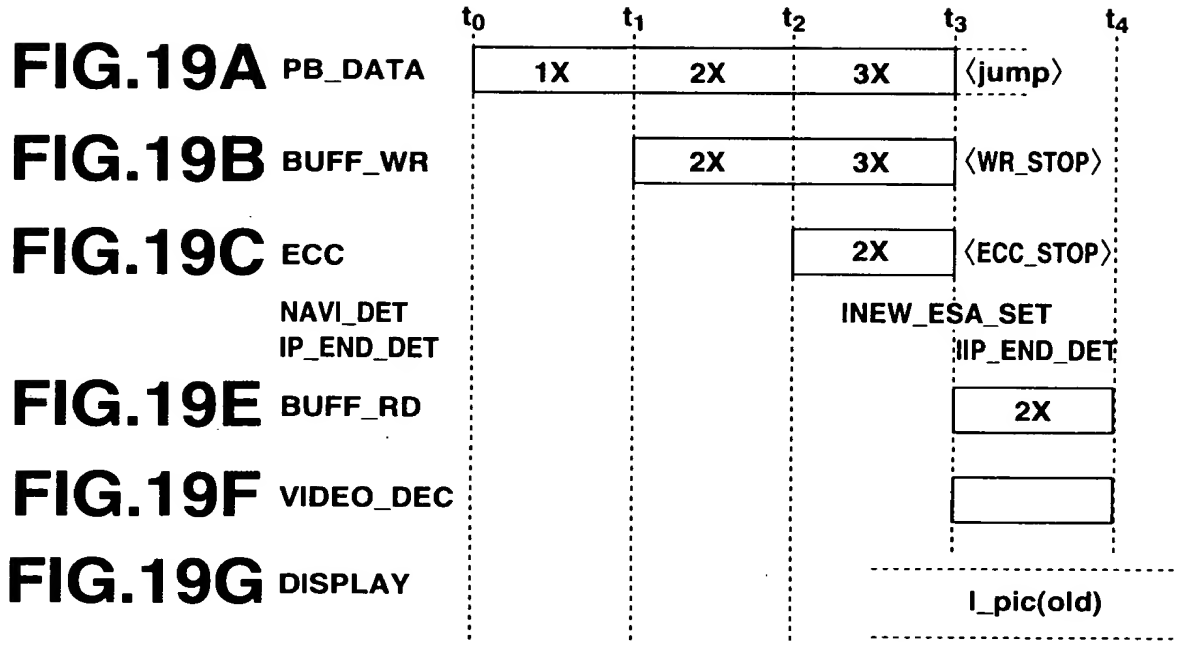


FIG.19A
PB_DATA
FIG.19B
BUFF_WR
FIG.19C
ECC
NAVI_DET
IP_END_DET
FIG.19E
BUFF_RD
FIG.19F
VIDEO_DEC
FIG.19G
DISPLAY
t0
t1
t2
t3
t4
1X
2X
3X
〈jump〉
2X
3X
〈WR_STOP〉
2X
〈ECC_STOP〉
INEW_ESA_SET
IIP_END_DET
2X
I_pic(old)